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18 x
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**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/390,740A**

DATE: 09/03/96
TIME: 17:36:03

INPUT SET: S12480.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.



SEQUENCE LISTING

ENTERED

3 (1) General Information

5 (i) APPLICANT: Coleman, Roger
6 Bandman, Olga
7 Wilde, Craig G.

9 (ii) TITLE OF THE INVENTION: NEW CHEMOKINES EXPRESSED IN PANCREAS

11 (iii) NUMBER OF SEQUENCES: 11

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
15 (B) STREET: 3174 Porter Drive
16 (C) CITY: Palo Alto
17 (D) STATE: CA
18 (E) COUNTRY: U.S.
19 (F) ZIP: 94304

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Diskette
23 (B) COMPUTER: IBM Compatible
24 (C) OPERATING SYSTEM: DOS
25 (D) SOFTWARE: FastSEQ Version 1.5

27 (vi) CURRENT APPLICATION DATA:

28 (A) APPLICATION NUMBER: 08/390,740
29 (B) FILING DATE: February 17, 1995

31 (viii) ATTORNEY/AGENT INFORMATION:

32 (A) NAME: Luther, Barbara J.
33 (B) REGISTRATION NUMBER: 33,954
34 (C) REFERENCE/DOCKET NUMBER: PF-0027 US

36 (ix) TELECOMMUNICATION INFORMATION:
37 (A) TELEPHONE: 415-855-0555

40
41 (2) INFORMATION FOR SEO ID NO:1:

42
43 (i) SEQUENCE CHARACTERISTICS:
44 (A) LENGTH: 289 base pairs
45 (B) TYPE: nucleic acid
46 (C) STRANDEDNESS: single

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47 (D) TOPOLOGY: linear
 48 (ii) MOLECULE TYPE: cDNA
 50 (vii) IMMEDIATE SOURCE:
 51 (A) LIBRARY: Human Pancreas
 52 (B) CLONE: 223187
 54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
 56
 57 ATGAAGGTCT CCGCAGCACT TCTGTGGCTG CTGCTCATAG CAGCTGCCTT CAGCCCCAG 60
 58 GGGCTCACTG GGCCAGCTTC TGTCCTAACCC ACCTGCTGCT TTAACCTGGC CAATAGGAAG 120
 59 ATACCCCTTC AGCGACTAGA GAGCTACAGG AGAACATACCA GTGGCAAATG TCCCCAGAAA 180
 60 GCTGTGATCT TCAAGACCAA ACTGGCCAAG GATATCTGTG CCGACCCCAA GAAGAAGTGG 240
 61 GTGCAGGATT CCATGAAGTA TCTGGACCAA AAATCTCCAA CTCCAAAGC 289
 62
 63 (2) INFORMATION FOR SEQ ID NO:2:
 64 (i) SEQUENCE CHARACTERISTICS:
 65 (A) LENGTH: 97 amino acids
 66 (B) TYPE: amino acid
 67 (C) STRANDEDNESS: single
 68 (D) TOPOLOGY: linear
 69 (ii) MOLECULE TYPE: peptide
 70 (vii) IMMEDIATE SOURCE:
 71 (A) LIBRARY: Human Pancreas
 72 (B) CLONE: 223187
 73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
 74
 75 Met Lys Val Ser Ala Ala Leu Leu Trp Leu Leu Leu Ile Ala Ala Ala
 76 1 5 10 15
 77 Phe Ser Pro Gln Gly Leu Thr Gly Pro Ala Ser Val Pro Thr Thr Cys
 78 20 25 30
 79 Cys Phe Asn Leu Ala Asn Arg Lys Ile Pro Leu Gln Arg Leu Glu Ser
 80 35 40 45
 81 Tyr Arg Arg Ile Thr Ser Gly Lys Cys Pro Gln Lys Ala Val Ile Phe
 82 50 55 60
 83 Lys Thr Lys Leu Ala Lys Asp Ile Cys Ala Asp Pro Lys Lys Lys Trp
 84 65 70 75 80
 85 Val Gln Asp Ser Met Lys Tyr Leu Asp Gln Lys Ser Pro Thr Pro Lys
 86 85 90 95
 87 Pro
 88
 89
 90
 91
 92
 93
 94 (2) INFORMATION FOR SEQ ID NO:3:
 95 (i) SEQUENCE CHARACTERISTICS:
 96 (A) LENGTH: 402 base pairs
 97 (B) TYPE: nucleic acid

INPUT SET: S12480.raw

100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (ii) MOLECULE TYPE: cDNA
104
105 (vii) IMMEDIATE SOURCE:
106 (A) LIBRARY: Human Pancreas
107 (B) CLONE: 226152
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
110
111 ATGGCTCAGT CACTGGCTCT GAGCCTCCTT ATCCTGGTTC TGCCCTTGG CATCCCCAGG 60
112 ACCCAAGGCA GTGATGGAGG GGCTCAGGAC TGTTGCCTCA AGTACAGCCA AAGGAAGATT 120
113 CCCGCCAAGG TTGTCCGGAG CTACCGGAAG CAGGAACCAA GCTTAGGCTG CTCCATCCCA 180
114 GCTATCCTGT TCTTGCCCCG CAAGCGCTCT CAGGCAGAGC TATGTGCAGA CCCAAAGGAG 240
115 CTCTGGGTGC AGCAGCTGAT GCAGCATCTG GACAAGACAC CATCCCCACA GAAACCAGCC 300
116 CAGGGCTGCA GGAAGGACAG GGGGGCCTCC AAGACTGGCA AGAAAGGAAA GGGCTCCAAA 360
117 GGCTGCAAGA GGACTGAGCG GTCACAGACC CCTAAAGGGC CA 402
118
119 (2) INFORMATION FOR SEQ ID NO:4:
120
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 134 amino acids
123 (B) TYPE: amino acid
124 (C) STRANDEDNESS: single
125 (D) TOPOLOGY: linear
126
127 (ii) MOLECULE TYPE: peptide
128
129 (vii) IMMEDIATE SOURCE:
130 (A) LIBRARY: Human Pancreas
131 (B) CLONE: 226152
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
134
135 Met Ala Gln Ser Leu Ala Leu Ser Leu Leu Ile Leu Val Leu Ala Phe
136 1 5 10 15
137 Gly Ile Pro Arg Thr Gln Gly Ser Asp Gly Gly Ala Gln Asp Cys Cys
138 20 25 30
139 Leu Lys Tyr Ser Gln Arg Lys Ile Pro Ala Lys Val Val Arg Ser Tyr
140 35 40 45
141 Arg Lys Gln Glu Pro Ser Leu Gly Cys Ser Ile Pro Ala Ile Leu Phe
142 50 55 60
143 Leu Pro Arg Lys Arg Ser Gln Ala Glu Leu Cys Ala Asp Pro Lys Glu
144 65 70 75 80
145 Leu Trp Val Gln Gln Leu Met Gln His Leu Asp Lys Thr Pro Ser Pro
146 85 90 95
147 Gln Lys Pro Ala Gln Gly Cys Arg Lys Asp Arg Gly Ala Ser Lys Thr
148 100 105 110
149 Gly Lys Lys Gly Lys Ser Lys Gly Cys Lys Arg Thr Glu Arg Ser
150 115 120 125
151 Gln Thr Pro Lys Gly Pro

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153 130

154 (2) INFORMATION FOR SEQ ID NO:5:

156 (i) SEQUENCE CHARACTERISTICS:
157 (A) LENGTH: 97 amino acids
158 (B) TYPE: amino acid
159 (C) STRANDEDNESS: single
160 (D) TOPOLOGY: linear

162 (ii) MOLECULE TYPE: peptide

164 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

166 Met Lys Val Ser Ala Ala Leu Leu Ala Leu Leu Leu Ile Ala Ala Ala
167 1 5 10 15
168 Phe Cys Pro Gln Gly Leu Ala Gln Pro Asp Gly Val Asp Thr Pro Thr
169 20 25 30
170 Thr Cys Cys Phe Asn Tyr Ile Asn Arg Lys Ile Pro Arg Gln Arg Leu
171 35 40 45
172 Glu Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Ser Lys Pro Ala Val
173 50 55 60
174 Ile Phe Lys Thr Lys Arg Ala Lys Gln Val Cys Ala Asp Pro Lys Glu
175 65 70 75 80
176 Lys Trp Val Gln Asp Ser Met Lys His Leu Asp Lys Gln Thr Pro Lys
177 85 90 95
178 Pro

179

180

181 (2) INFORMATION FOR SEQ ID NO:6:

183 (i) SEQUENCE CHARACTERISTICS:
184 (A) LENGTH: 92 amino acids
185 (B) TYPE: amino acid
186 (C) STRANDEDNESS: single
187 (D) TOPOLOGY: linear

189 (ii) MOLECULE TYPE: peptide

190

191 (vii) IMMEDIATE SOURCE:

192 (A) LIBRARY: GenBank

193 (B) CLONE: MIP-1a

194

196 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

197 Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala
198 1 5 10 15
199 Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala
200 20 25 30
201 Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala
202 35 40 45
203 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe
204 50 55 60
205

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206 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
207 65 70 75 80
208 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala
209 85 90

210

211

212 (2) INFORMATION FOR SEQ ID NO:7:

213

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 92 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

219

220

(ii) MOLECULE TYPE: peptide

221

222

(vii) IMMEDIATE SOURCE:
(A) LIBRARY: GenBank
(B) CLONE: MIP-1b

225

226

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

227

228 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala
229 1 5 10 15
230 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr
231 20 25 30
232 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val
233 35 40 45
234 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val
235 50 55 60
236 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser
237 65 70 75 80
238 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
239 85 90

240

241

242

(2) INFORMATION FOR SEQ ID NO:8:

243

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 91 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

249

250

(ii) MOLECULE TYPE: peptide

251

252

(vii) IMMEDIATE SOURCE:
(A) LIBRARY: GenBank
(B) CLONE: RANTES

255

256

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

257

258

Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala

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SEQUENCE VERIFICATION REPORT
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